

E7.4-10674
CR-138840

PLAN FOR THE UNIFORM MAPPING OF EARTH RESOURCES AND

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ENVIRONMENTAL COMPLEXES FROM SKYLAB IMAGERY

EREP INVESTIGATION #510

Period Covered: April 1, 1974 to July 31, 1974

Contract Number: NAS 9-13286

Principal Investigator:
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Earth Satellite Corporation

(E74-10674) - PLAN FOR THE UNIFORM MAPPING OF EARTH RESOURCES AND ENVIRONMENTAL COMPLEXES FROM SKYLAB IMAGERY Monthly (Earth Satellite Corp., Berkeley, Calif.) 3 p HC \$4.00 CSCL 08B	N74-30667 Unclas G3/13 00674
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EarthSat Number: G-089

Technical Monitor: Mr. Clayton Forbes
Lyndon B. Johnson Space Center

Monthly Plans and Progress Report

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OVERALL STATUS

The project has been delayed awaiting additional data from the S-192 system and notification of acceptance of our request for additional funds. During this period we produced a special report for the EOS program comparing ERTS and Skylab remote sensing data aimed at defining various requirements for EOS system performance. That report was submitted to all regular recipients of our Skylab reports and was titled, "A Comparison of Skylab and ERTS Data for Agricultural Crop and Natural Vegetation Interpretation."

Drs. C. E. Poulton and Robin Welch, Co-Investigators, attended the Skylab Conference held at Johnson Space Center (JSC) July 16-18, 1974. Based on that meeting and subsequent discussions, we have formulated a schedule to complete this investigation by 30 April 1975 with submission of a draft final report on 31 March 1975. This schedule assumes receipt of all needed data from NASA by 31 December 1974.

PLANS FOR NEXT REPORTING PERIOD

The project will be maintained at a low level effort until we receive necessary data, particularly S-192 tapes and images of our test sites.

We will be preparing a manuscript for presentation at the AIAA Conference in Huntsville, Alabama on 30 October 1974.

We also are awaiting notification of the ruling on our request for additional funds.